

Title (en)
PROCESS FOR THE PRODUCTION OF CHOLESTEROL ESTERASE

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Application
EP 84113534 A 19841109

Priority
DE 3340950 A 19831111

Abstract (en)
[origin: US4615981A] The present invention provides a process for obtaining cholesterol esterase from micro-organisms by culturing a micro-organism capable of forming cholesterol esterase in an appropriate nutrient medium in the presence of an inductor and obtaining the enzyme from the culture liquid and/or from the cells, therein the inductor used is a compound of the general formula: <IMAGE> in which R and R1 are alkyl or alkoxy radicals containing 14 to 18 carbon atoms and R or R1 can also be a hydrogen atom and R2 is an alkylamino radical containing 2 to 8 carbon atoms, an alkyl-trimethylammonium radical containing 3 to 8 carbon atoms, an alkylpyridine radical containing up to 4 carbon atoms in the alkyl moiety or a radical of the general formula -CH₂-(CHOH)_n-CH₂OH, in which n is a whole number of from 1 to 4.

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